

IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the Application are reproduced below.

1. (Original) A method for providing service trigger management in a wireless network, comprising:

generating at an application of a mobile unit a current request for a network session; and

determining allowability of the session based on a service agreement without accessing external resources.

2. (Original) The method of Claim 1, further comprising:

storing session allowability data after a previous request for the network session; and

wherein determining allowability of the session comprises determining whether session allowability data has been stored.

3. (Original) The method of Claim 2, wherein determining allowability of the session further comprises determining whether the previous request was allowed or rejected based on the stored session allowability data when a determination is made that session allowability data has been stored.

4. (Original) The method of Claim 2, further comprising determining allowability of the session based on the service agreement by accessing external resources when a determination is made that session allowability data has not been stored.

5. (Original) The method of Claim 4, accessing external resources comprising accessing external resources through out-of-band communication.

6. (Original) The method of Claim 5, the out-of-band communication comprising discovery messages.

7. (Original) The method of Claim 6, the discovery messages comprising agent solicitation messages, the agent solicitation messages comprising a vendor-specific extension, the vendor-specific extension comprising the current request.

8. (Original) The method of Claim 7, the discovery messages further comprising agent advertisement messages, the agent advertisement messages comprising a vendor-specific extension, the vendor-specific extension comprising an acceptance or a rejection of the current request.

9. (Original) The method of Claim 8, further comprising storing session allowability data for the current request, the session allowability data comprising the acceptance or the rejection of the current request.

10. (Original) The method of Claim 1, the network session comprising access to a specified web-site.

11. (Original) A system for providing service trigger management in a wireless network, comprising:

means for generating at an application of a mobile unit a current request for a network session; and

means for determining allowability of the session based on a service agreement without accessing external resources.

12. (Original) The system of Claim 11, further comprising:

means for storing session allowability data after a previous request for the network session; and

wherein means for determining allowability of the session comprises means for determining whether session allowability data has been stored.

13. (Original) The system of Claim 12, wherein means for determining allowability of the session further comprises means for determining whether the previous request was allowed or rejected based on the stored session allowability data when a determination is made that session allowability data has been stored.

14. (Original) The system of Claim 12, further comprising means for determining allowability of the session based on the service agreement by accessing external resources when a determination is made that session allowability data has not been stored.

15. (Original) The system of Claim 14, further comprising means for accessing external resources through out-of-band communication.

16. (Original) The system of Claim 15, the out-of-band communication comprising discovery messages.

17. (Original) The system of Claim 16, the discovery messages comprising agent solicitation messages, the agent solicitation messages comprising a vendor-specific extension, the vendor-specific extension comprising the current request.

18. (Original) The system of Claim 17, the discovery messages further comprising agent advertisement messages, the agent advertisement messages comprising a vendor-specific extension, the vendor-specific extension comprising an acceptance or a rejection of the current request.

19. (Original) The system of Claim 18, means for storing session allowability data further comprising means for storing session allowability data for the current request, the session allowability data comprising the acceptance or the rejection of the current request.

20. (Original) The system of Claim 11, the network session comprising access to a specified web-site.

21. (Original) A system for providing service trigger management in a wireless network, comprising:

a computer-processable medium; and

logic stored on the computer-processable medium, the logic operable to generate at an application of a mobile unit a current request for a network session and to determine allowability of the session based on a service agreement without accessing external resources.

22. (Original) The system of Claim 21, the logic further operable to store session allowability data after a previous request for the network session and to determine allowability of the session by determining whether session allowability data has been stored.

23. (Original) The system of Claim 22, the logic further operable to determine allowability of the session by determining whether the previous request was allowed or rejected based on the stored session allowability data when a determination is made that session allowability data has been stored.

24. (Original) The system of Claim 22, the logic further operable to determine allowability of the session based on the service agreement by accessing external resources when a determination is made that session allowability data has not been stored.

25. (Original) The system of Claim 24, the logic further operable to access external resources through out-of-band communication.

26. (Original) The system of Claim 25, the out-of-band communication comprising discovery messages.

27. (Original) The system of Claim 26, the discovery messages comprising agent solicitation messages, the agent solicitation messages comprising a vendor-specific extension, the vendor-specific extension comprising the current request.

28. (Original) The system of Claim 27, the discovery messages further comprising agent advertisement messages, the agent advertisement messages comprising a vendor-specific extension, the vendor-specific extension comprising an acceptance or a rejection of the current request.

29. (Original) The system of Claim 28, the logic further operable to store session allowability data for the current request, the session allowability data comprising the acceptance or the rejection of the current request.

30. (Original) The system of Claim 21, the network session comprising access to a specified web-site.

31. (Original) A mobile unit operable to provide service trigger management in a wireless network, comprising:

an application of the mobile unit operable to generate a current request for a network session; and

a service access manager operable to determine allowability of the session based on a service agreement without accessing external resources.

32. (Original) The mobile unit of Claim 31, further comprising a service access table operable to store session allowability data after a previous request for the network session, the service access manager further operable to determine allowability of the session by determining whether session allowability data has been stored in the service access table.

33. (Original) The mobile unit of Claim 32, the service access manager further operable to determine allowability of the session by determining whether the previous request was allowed or rejected based on the stored session allowability data when a determination is made that session allowability data has been stored in the service access table.

34. (Original) The mobile unit of Claim 32, the service access manager further operable to determine allowability of the session based on the service agreement by accessing external resources when a determination is made that session allowability data has not been stored in the service access table.

35. (Original) The mobile unit of Claim 34, the service access manager further operable to access external resources through out-of-band communication.

36. (Original) The mobile unit of Claim 35, the out-of-band communication comprising discovery messages.

37. (Original) The mobile unit of Claim 36, the discovery messages comprising agent solicitation messages, the agent solicitation messages comprising a vendor-specific extension, the vendor-specific extension comprising the current request.

38. (Original) The mobile unit of Claim 37, the discovery messages further comprising agent advertisement messages, the agent advertisement messages comprising a vendor-specific extension, the vendor-specific extension comprising an acceptance or a rejection of the current request.

39. (Original) The mobile unit of Claim 38, the service access table further operable to store session allowability data for the current request, the session allowability data comprising the acceptance or the rejection of the current request.

40. (Original) The mobile unit of Claim 31, the network session comprising access to a specified web-site.

41. (Original) A method for providing service trigger management in a wireless network, comprising:

receiving out-of-band communication from a mobile unit at a foreign agent of a serving node, the received out-of-band communication comprising a request for a network session;

determining whether the request is allowable; and

sending out-of-band communication from the foreign agent to the mobile unit, the sent out-of-band communication comprising an acceptance or a rejection of the request based on the determination of whether the request is allowable.

42. (Original) The method of Claim 41, determining whether the request is allowable comprising comparing the request to a service agreement for the mobile unit.

43. (Original) The method of Claim 41, the received and sent out-of-band communication comprising discovery messages.

44. (Original) The method of Claim 43, the discovery messages comprising agent solicitation messages and agent advertisement messages, the agent solicitation messages comprising a vendor-specific extension, the vendor-specific extension comprising the request.

45. (Original) The method of Claim 44, further comprising generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising a rejection of the request when the request is determined to be unallowable.

46. (Original) The method of Claim 44, further comprising generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request when the request is determined to be allowable.

47. (Original) The method of Claim 44, further comprising:

when the request is determined to be allowable, determining whether the request is conditionally allowable such that the request is allowable after specified unmet conditions have been met;

generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request when the request is determined to be allowable and when the request is not determined to be conditionally allowable;

attempting to meet the specified unmet conditions when the request is determined to be conditionally allowable;

generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request when the request is determined to be conditionally allowable and when the specified unmet conditions have been met; and

generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request and comprising the specified unmet conditions when the request is determined to be conditionally allowable and when the specified unmet conditions have not been met.

48. (Original) The method of Claim 41, further comprising:

determining whether a trigger is indicated for a specified server when the request is determined to be allowable; and

sending the trigger to the specified server when the trigger is determined to be indicated.



49. (Original) A system for providing service trigger management in a wireless network, comprising:

means for receiving out-of-band communication from a mobile unit at a foreign agent of a serving node, the received out-of-band communication comprising a request for a network session;

means for determining whether the request is allowable; and

means for sending out-of-band communication from the foreign agent to the mobile unit, the sent out-of-band communication comprising an acceptance or a rejection of the request based on the determination of whether the request is allowable.

50. (Original) The system of Claim 49, the means for determining whether the request is allowable comprising means for comparing the request to a service agreement for the mobile unit.

51. (Original) The system of Claim 49, the received and sent out-of-band communication comprising discovery messages.

52. (Original) The system of Claim 51, the discovery messages comprising agent solicitation messages and agent advertisement messages, the agent solicitation messages comprising a vendor-specific extension, the vendor-specific extension comprising the request.

53. (Original) The system of Claim 52, further comprising means for generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising a rejection of the request when the request is determined to be unallowable.

54. (Original) The system of Claim 52, further comprising means for generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request when the request is determined to be allowable.

55. (Original) The system of Claim 52, further comprising:

means for determining, when the request is determined to be allowable, whether the request is conditionally allowable such that the request is allowable after specified unmet conditions have been met;

means for generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request when the request is determined to be allowable and when the request is not determined to be conditionally allowable;

means for attempting to meet the specified unmet conditions when the request is determined to be conditionally allowable;

means for generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request when the request is determined to be conditionally allowable and when the specified unmet conditions have been met; and

means for generating an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request and comprising the specified unmet conditions when the request is determined to be conditionally allowable and when the specified unmet conditions have not been met.

56. (Original) The system of Claim 49, further comprising:

means for determining whether a trigger is indicated for a specified server when the request is determined to be allowable; and

means for sending the trigger to the specified server when the trigger is determined to be indicated.

57. (Original) A system for providing service trigger management in a wireless network, comprising:

a computer-processable medium; and

logic stored on the computer-processable medium, the logic operable to receive out-of-band communication, the received out-of-band communication comprising a request for a network session, to determine whether the request is allowable, and to send out-of-band communication from the foreign agent to the mobile unit, the sent out-of-band communication comprising an acceptance or a rejection of the request based on the determination of whether the request is allowable.

58. (Original) The system of Claim 57, the logic further operable to determine whether the request is allowable by comparing the request to a service agreement for the mobile unit.

59. (Original) The system of Claim 57, the received and sent out-of-band communication comprising discovery messages.

60. (Original) The system of Claim 59, the discovery messages comprising agent solicitation messages and agent advertisement messages, the agent solicitation messages comprising a vendor-specific extension, the vendor-specific extension comprising the request.

61. (Original) The system of Claim 60, the logic further operable to generate an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising a rejection of the request when the request is determined to be unallowable.

62. (Original) The system of Claim 60, the logic further operable to generate an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request when the request is determined to be allowable.

63. (Original) The system of Claim 60, the logic further operable:

- when the request is determined to be allowable, to determine whether the request is conditionally allowable such that the request is allowable after specified unmet conditions have been met;
- to generate an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request when the request is determined to be allowable and when the request is not determined to be conditionally allowable;
- to attempt to meet the specified unmet conditions when the request is determined to be conditionally allowable;
- to generate an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request when the request is determined to be conditionally allowable and when the specified unmet conditions have been met; and
- to generate an agent advertisement message comprising a vendor-specific extension, the vendor specific extension comprising an acceptance of the request and comprising the specified unmet conditions when the request is determined to be conditionally allowable and when the specified unmet conditions have not been met.

64. (Original) The system of Claim 57, the logic further operable to determine whether a trigger is indicated for a specified server when the request is determined to be allowable and to send the trigger to the specified server when the trigger is determined to be indicated.

65. (Withdrawn) A propagated signal for use in providing service trigger management for a mobile unit and a serving node in a wireless network, the signal propagated on a transmission medium and comprising a discovery signal, the discovery signal comprising a vendor-specific extension, the vendor-specific extension comprising at least one data extension, the data extension comprising a data type, a data length, and a data field.

66. (Withdrawn) The signal of Claim 65, the data type comprising one of “application identifier” and “user data.”

67. (Withdrawn) The signal of Claim 65, the data field comprising a mobile internet protocol address for the mobile unit.

68. (Withdrawn) The signal of Claim 65, the data field comprising an application identifier for an application of the mobile unit.

69. (Withdrawn) The signal of Claim 65, the data field comprising a web-site address.

70. (Withdrawn) The signal of Claim 65, the vendor-specific extension comprising at least three data extensions, the data field for a first data extension comprising a mobile internet protocol address for the mobile unit, the data field for a second data extension comprising an application identifier for an application of the mobile unit, and the data field for a third data extension comprising a web-site address to which the application is requesting access.